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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jathen D. Edwards	Examiner:	M.J. Angebrannt
Serial No.:	09/730,246	Group Art Unit:	1756
Filed:	December 5, 2000	Docket No.:	53868US02
Title:	REVERSE OPTICAL MASTERING FOR DATA STORAGE DISKS		

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed May 3, 2002, please amend the application as follows.

In the Claims

Please amend claims 1, 3, 4, 11, 14, 15 and 19, and add new claims 29-35 as follows:

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1. (Amended) A method of making a data storage disk master comprising:
providing a master substrate;
specifying a photosensitive material layer thickness;
providing a layer of photosensitive material on the master substrate, the layer having an initial thickness corresponding to the specified photosensitive material layer thickness;
controlling optical exposure to the layer of photosensitive material; and
controlling development criteria of the layer of photosensitive material, wherein specifying a photosensitive material layer thickness, controlling optical exposure and controlling development criteria collectively control the creation on the master of an inverse of a desired replica disk pattern to be formed in a replica disk.

3. (Amended) The method of claim 2, wherein at least some of the inverse of desired grooves have a depth greater than 50 nanometers.

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01 FC:102 168.00 CH
02 FC:103 126.00 CH